

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Hani Sabbah et al.

Serial No: 10/700,032

Group Art Unit: 3424

Filed: 11/03/03

Examiner: Afremova, Vera



For: CARDIAC TRANSPLANTATION OF STEM CELLS FOR THE
TREATMENT OF HEART FAILURE

Attorney Docket No: 1059.00096

DECLARATION OF DR. HANI SABBAH
UNDER RULE 132

Mail Stop
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

1. I am a named inventor in the above-captioned patent application.
2. I am a ~~Cardiologist and~~ Director of Cardiovascular Research at Henry Ford Hospital, Detroit, Michigan.

Attached hereto is a summary of research demonstrating the effect of the invention as set forth in claim 15 of the above-captioned patent application. Specifically, the attached summary demonstrates the profound effect of a supernatant (media separated from cultured mesenchymal stem cells) on cardiac function, demonstrating a significant improvement in cardiac function. Controls given media alone did not demonstrate the profound effect. The results were repeatable and statistically significant.

A handwritten signature in black ink, appearing to read "Hani Sabbah", written over a horizontal line.

Hani Sabbah

Dated: December 12, 2006